

Converting Colors

CIELCh(94, 34.388, 184.812)

Have a look what the booklet for
CIELCh(94, 34.388, 184.812)
contains.

CIELCh(94, 33.883, 185.805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(94, 33.883, 185.805)

Conversions

Conversions Part 1

Format	Color
Hex	96FFF3
RGB	150, 255, 243
RGB Percent	59%, 100%, 95%
CMY	0.4110, 0.0000, 0.0464
CMYK	0.41, 0.00, 0.05, 0.00
HSL	173°, 100%, 79%
HSV	173°, 41%, 100%
XYZ	64.9614, 85.2715, 97.9708
YIQ	222.2370, -58.7280, -25.9920

Conversions

Conversions Part 2

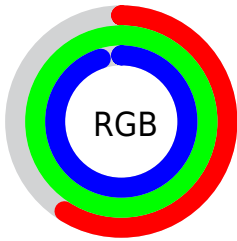
Format	Color
R_{YB}	150, 206, 255
Decimal	9895923
CIE _{Lab}	94.00, -33.71, -3.43
CIE _{LCh}	94, 33.883, 185.805
Yxy	85.2715, 0.2617, 0.3436
Android (android.graphics.Color)	4288086003 (0xFF96FFF3)
YUV	222.2370, 10.2362, -63.3518
Hunter-Lab	92.3426, -36.0279, 1.7361

Details

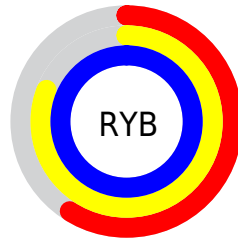
The CIELCh color **94, 33.883, 185.805** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 41.996, 15.117**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **74, 33.432, 186.540** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.727, 185.833**, and if you desaturate by 10%, it is **95, 26.183, 187.600**.

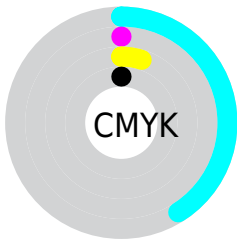
Distribution



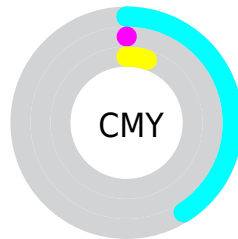
- Red (59%)
- Green (100%)
- Blue (95%)



- Red (59%)
- Yellow (81%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.883, 185.805 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 94, 33.883, 185.805 by changing the saturation by 10% instead.


 94, 33.883,
185.805


 94, 33.883,
185.805


 100, 33.883,
185.805


 84, 33.883,
185.805

 74, 33.883,
185.805

 64, 33.883,
185.805

 54, 33.883,
185.805

 44, 33.883,
185.805

 34, 33.883,
185.805

 24, 33.883,

185.805

■ 14, 33.883,
185.805

■ 4, 33.883, 185.805

■ 94, 33.883,
185.805

■ 94, 33.883,
185.805

■ 93, 39.727,
185.833

■ 95, 26.183,
187.600

■ 92, 45.093,
184.883

■ 96, 18.284,
188.446

■ 91, 49.393,
183.865

■ 98, 9.837, 189.291

■ 91, 52.598,
182.759

■ 100, 0.989,
190.672

■ 100, 0.012,

■ 90, 54.763,
181.547

296.813

■ 90, 55.999,
180.384

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



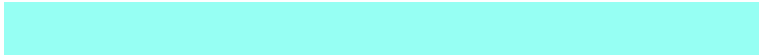
94, 33.883, 185.805



73, 41.996, 15.117

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 33.883, 185.805



94, 33.883, 235.805



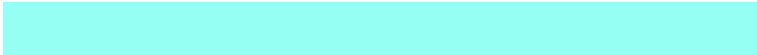
94, 33.883, 5.805



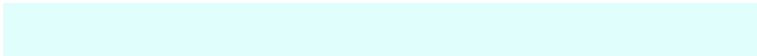
94, 33.883, 55.805

Sweetspot

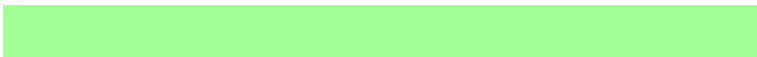
The Sweet Spot groups the original color and five complimentary colors.



94, 33.380, 186.734



98, 10.616, 189.213



92, 62.823, 138.597



52, 7.023, 189.102



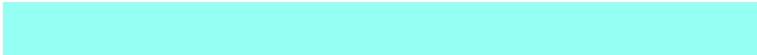
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.380, 186.734



93, 38.472, 186.026



83, 28.049, 248.161



52, 5.054, 189.430



70, 45.001, 180.628



23, 20.385, 182.342

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73, 41.996, 15.117



69, 50.863, 16.735



82, 34.582, 58.034



50, 5.301, 10.864



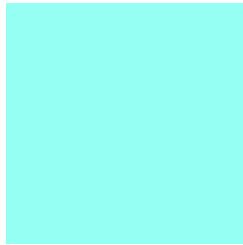
40, 79.358, 35.284



10, 32.515, 22.584

Previews

White Background



This preview shows how the CIE LCh color 94, 33.883, 185.805 looks on a white background.

Color Contrast Check

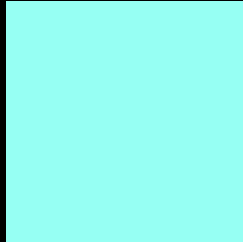
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 33.883, 185.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

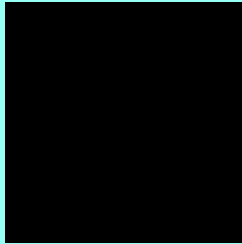
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

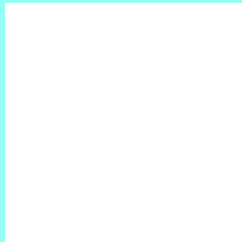
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.883, 185.805

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.883, 185.805.

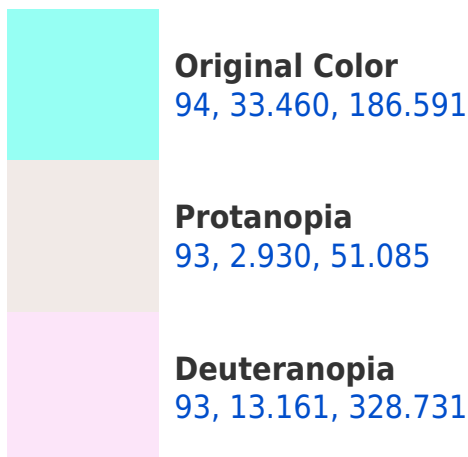



This preview shows how white text looks on a background with the CIELCh color 94, 33.883, 185.805.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



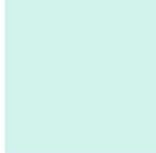


Tritanopia
93, 15.656, 219.913

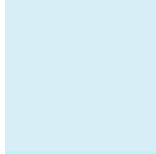
Trichromacy



Original Color
94, 33.460, 186.591



Protanomaly
93, 12.338, 181.572

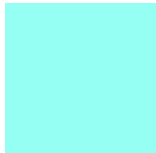


Deuteranomaly
93, 8.995, 230.223

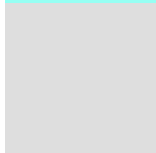


Tritanomaly
93, 21.619, 202.208

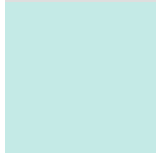
Monochromacy



Original Color
94, 33.460, 186.591



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 13.247, 189.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.883, 185.805 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.883, 185.805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 255, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 255, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.883, 185.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
255, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor